Message

From: Walker, Mary [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=WALKER, MARY S.]
Sent: 12/11/2017 3:20:52 PM
To: Davis, Molly [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=4b29054d7bd844b2b71cfa356aa57ce5-Davis, Maribeth]; Allenbach, Becky [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd8d7185973c44268441863f02a769d1-Allenbach, Becky]; Shell, Karrie-Jo [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d09958f715734dcc80bce5341df5a36c-Shell, Karrie]
Subject: RE: wastewater volume questions

Thanks Molly! Also, I've spoken to Jeaneanne and she is going to confirm the dates on the sampling we just received.

From: Davis, Molly
Sent: Monday, December 11, 2017 10:03 AM
To: Allenbach, Becky <Allenbach.Becky@epa.gov>; Walker, Mary <walker.mary@epa.gov>; Shell, Karrie-Jo <Shell.Karrie-Jo@epa.gov>
Subject: FW: wastewater volume questions

Here is the latest from Julie regarding the volume of process wastewater Chemours is hauling offsite and where its going. With regard to the recent sampling, Julie said she can't remember the specifics of what happen around 10/30/17 to cause a spike in GenX at outfall 002 to 4700 ng/L but remember it being something odd. Julie said Linda Culpepper is at an offsite meeting and she would know the specifics and in the meantime, Julie was going to see if others at the meeting had notes and if she finds them she will send them before the Bodine call today.

On another note, Julie said they are beginning to detect GenX in the Kuraray plant effluent and the Chemours plant manager, Michael Johnson, asked Julie if she expected them not to find it, and she said yes that if they don't produce GenX it shouldn't be in their effluent. The concentration in the Kuraray effluent is around 51 ng/L and as a result NC is asking Chemours to take additional samples in the Cape Fear River upstream of the Kuraray facility as Kuraray pulls water from the Cape Fear River for their operations. Chemours is sampling for the entire suite of chemicals of concern, including Nafion, but the GenX sample results come back first.

From: Grzyb, Julie [mailto:julie.grzyb@ncdenr.gov]
Sent: Monday, December 11, 2017 9:46 AM
To: Davis, Molly <Davis.Molly@epa.gov>
Subject: FW: wastewater volume questions

Info on all process wastewater being captured at Chemours.
They are to send me actual volume amounts but as a rough estimate – assume 5,000 gallons per truck.
Julie

From: Grzyb, Julie
Sent: Monday, December 11, 2017 9:20 AM
To: 'JOHNSON, MICHAEL E' <MICHAEL.E.JOHNSON@chemours.com>
Subject: wastewater volume questions

Michael,
Below is what Christel sent me – if you can give me volume per day or truck that would be great.
Thanks,
Julie

From: Grzyb, Julie
Sent: Thursday, December 07, 2017 10:03 PM
To: Compton, Christel E <CHRISTEL.E.COMPTON@chemours.com>
Cc: eric.rey@apks.com; Gross, Joel M. <Joel.Gross@apks.com>
Subject: Re: [External] RE: wastewater volume questions

Christel,
Thanks so much for the information. Yes, I do need to know the total volume being shipped each day.
Thank you ,
Julie

On Dec 7, 2017, at 9:47 PM, Compton, Christel E <CHRISTEL.E.COMPTON@chemours.com> wrote:

Julie,

Please find below responses to your three questions:

Question 1: Can you supply me with the total volume of wastewater currently being captured at Chemours and trucked off for shipment?

Response: Please find below the number of truckloads of wastewater trucked offsite since November 30th. Please note that on any given day, some of the water shipped offsite may include wastewater captured on prior days, including during the turnaround.

11/30/2017 Loaded 13 trucks and shipped as follows: 4 to Veolia, 7 to Texas Molecular and 2 to Clean Harbors.
12/1/2017 Loaded 11 trucks and shipped as follows: 3 to Veolia, 6 to Texas Molecular, and 2 to Clean Harbors.
12/2/2017 Loaded 13 trucks and shipped as follows: 4 to Veolia, 7 to Texas Molecular and 2 to Clean Harbors.
12/3/2017 Loaded 12 trucks and shipped as follows: 4 to Veolia, 6 to Texas Molecular and 2 to Clean Harbors.
12/4/2017 Loaded 12 trucks and shipped as follows: 4 to Veolia, 6 to Texas Molecular and 2 to Clean Harbors.
12/5/2017 Loaded 13 trucks and shipped as follows: 4 to Veolia, 7 to Texas Molecular and 2 to Clean Harbors.

Please let me know if you need the volumes for each truckload.

Question 2: Also, I understand it is being carried by rail but can you tell me to where (Texas?) and how it is being disposed (i.e. incinerated, deep-well injection)?

Response: The means of transportation and disposal for the abovementioned and other recent offsite wastewater shipments are as follows:

Incineration by Truck:
Veolia – Port Arthur, TX, Sauget, IL, and Arkadelphia, AR
Heritage – East Liverpool, OH

Incineration via Rail
Clean Harbors – truck to Fayetteville, then rail to Corunna, Ontario, Canada

Deep Well Injection
Texas Molecular –truck to Deer Park, TX

Question 3: Last, without Chemours process wastewaters being discharged to the WWTP, what is the current wastewater discharge at Outfall 001?

Response: Please find below the volume of process water (in millions of gallons per day (MGD)) discharged at Outfall 001 after Chemours severed the pipe feeding process wastewater from the Fluoromonomers/Nafion Membrane manufacturing area to the WWTP on November 29th.

Date	MGD
11/30/2017	0.711
12/01/2017	0.729
12/02/2017	0.6
12/03/2017	0.674
12/04/2017	0.557
12/05/2017	0.658
12/06/2017	0.662

Please let me know if you have any further questions. I will be out of the office until Tuesday. In the interim, please contact Eric.

Christel

Christel Compton
Program Manager
The Chemours Company – Fayetteville Works
(o) 910-678-1213
(m) 910-975-3386

<image001.png>

The Chemours Company FC, LLC
22828 NC Highway 87 W
Fayetteville, NC 28306-7332

From: Grzyb, Julie [mailto:julie.grzyb@ncdenr.gov]
Sent: Tuesday, December 05, 2017 7:08 PM
To: Compton, Christel E <CHRISTEL.E.COMPTON@chemours.com>
Subject: wastewater volume questions

Christel,
Have a few questions, EPA and others are inquiring. Hoping you can help me answer them.
Can you supply me with the total volume of wastewater currently being captured at Chemours and trucked off for shipment?
Also, I understand it is being carried by rail but can you tell me to where (Texas?) and how it is being disposed (i.e. incinerated, deep-well injection)?

Last, without Chemours process wastewaters being discharged to the WWTP, what is the current wastewater discharge at Outfall 001?
Thanks,
Julie

Julie A Grzyb
Supervisor
NPDES Complex Permitting
NC DEQ / Division of Water Resources / Water Quality Permitting

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